

Figure 1. The effect of the concentration of the polymer solution on the surface free energy of the polymer film. The surface free energy of the polymer film decreased as the concentration of the polymer solution increased. The surface free energy of the polymer film was 1.5 mJ/m² at 0.1 g/dL, 1.0 mJ/m² at 0.5 g/dL, 1.5 mJ/m² at 1.0 g/dL, 2.0 mJ/m² at 1.5 g/dL, 2.5 mJ/m² at 2.0 g/dL, 3.0 mJ/m² at 2.5 g/dL, 3.5 mJ/m² at 3.0 g/dL, 4.0 mJ/m² at 3.5 g/dL, 4.5 mJ/m² at 4.0 g/dL, 5.0 mJ/m² at 4.5 g/dL, 5.5 mJ/m² at 5.0 g/dL, 6.0 mJ/m² at 5.5 g/dL, 6.5 mJ/m² at 6.0 g/dL, 7.0 mJ/m² at 6.5 g/dL, 7.5 mJ/m² at 7.0 g/dL, 8.0 mJ/m² at 7.5 g/dL, 8.5 mJ/m² at 8.0 g/dL, 9.0 mJ/m² at 8.5 g/dL, 9.5 mJ/m² at 9.0 g/dL, 10.0 mJ/m² at 9.5 g/dL, 10.5 mJ/m² at 10.0 g/dL, 11.0 mJ/m² at 10.5 g/dL, 11.5 mJ/m² at 11.0 g/dL, 12.0 mJ/m² at 11.5 g/dL, 12.5 mJ/m² at 12.0 g/dL, 13.0 mJ/m² at 12.5 g/dL, 13.5 mJ/m² at 13.0 g/dL, 14.0 mJ/m² at 13.5 g/dL, 14.5 mJ/m² at 14.0 g/dL, 15.0 mJ/m² at 14.5 g/dL, 15.5 mJ/m² at 15.0 g/dL, 16.0 mJ/m² at 15.5 g/dL, 16.5 mJ/m² at 16.0 g/dL, 17.0 mJ/m² at 16.5 g/dL, 17.5 mJ/m² at 17.0 g/dL, 18.0 mJ/m² at 17.5 g/dL, 18.5 mJ/m² at 18.0 g/dL, 19.0 mJ/m² at 18.5 g/dL, 19.5 mJ/m² at 19.0 g/dL, 20.0 mJ/m² at 19.5 g/dL, 20.5 mJ/m² at 20.0 g/dL, 21.0 mJ/m² at 20.5 g/dL, 21.5 mJ/m² at 21.0 g/dL, 22.0 mJ/m² at 21.5 g/dL, 22.5 mJ/m² at 22.0 g/dL, 23.0 mJ/m² at 22.5 g/dL, 23.5 mJ/m² at 23.0 g/dL, 24.0 mJ/m² at 23.5 g/dL, 24.5 mJ/m² at 24.0 g/dL, 25.0 mJ/m² at 24.5 g/dL, 25.5 mJ/m² at 25.0 g/dL, 26.0 mJ/m² at 25.5 g/dL, 26.5 mJ/m² at 26.0 g/dL, 27.0 mJ/m² at 26.5 g/dL, 27.5 mJ/m² at 27.0 g/dL, 28.0 mJ/m² at 27.5 g/dL, 28.5 mJ/m² at 28.0 g/dL, 29.0 mJ/m² at 28.5 g/dL, 29.5 mJ/m² at 29.0 g/dL, 30.0 mJ/m² at 29.5 g/dL, 30.5 mJ/m² at 30.0 g/dL, 31.0 mJ/m² at 30.5 g/dL, 31.5 mJ/m² at 31.0 g/dL, 32.0 mJ/m² at 31.5 g/dL, 32.5 mJ/m² at 32.0 g/dL, 33.0 mJ/m² at 32.5 g/dL, 33.5 mJ/m² at 33.0 g/dL, 34.0 mJ/m² at 33.5 g/dL, 34.5 mJ/m² at 34.0 g/dL, 35.0 mJ/m² at 34.5 g/dL, 35.5 mJ/m² at 35.0 g/dL, 36.0 mJ/m² at 35.5 g/dL, 36.5 mJ/m² at 36.0 g/dL, 37.0 mJ/m² at 36.5 g/dL, 37.5 mJ/m² at 37.0 g/dL, 38.0 mJ/m² at 37.5 g/dL, 38.5 mJ/m² at 38.0 g/dL, 39.0 mJ/m² at 38.5 g/dL, 39.5 mJ/m² at 39.0 g/dL, 40.0 mJ/m² at 39.5 g/dL, 40.5 mJ/m² at 40.0 g/dL, 41.0 mJ/m² at 40.5 g/dL, 41.5 mJ/m² at 41.0 g/dL, 42.0 mJ/m² at 41.5 g/dL, 42.5 mJ/m² at 42.0 g/dL, 43.0 mJ/m² at 42.5 g/dL, 43.5 mJ/m² at 43.0 g/dL, 44.0 mJ/m² at 43.5 g/dL, 44.5 mJ/m² at 44.0 g/dL, 45.0 mJ/m² at 44.5 g/dL, 45.5 mJ/m² at 45.0 g/dL, 46.0 mJ/m² at 45.5 g/dL, 46.5 mJ/m² at 46.0 g/dL, 47.0 mJ/m² at 46.5 g/dL, 47.5 mJ/m² at 47.0 g/dL, 48.0 mJ/m² at 47.5 g/dL, 48.5 mJ/m² at 48.0 g/dL, 49.0 mJ/m² at 48.5 g/dL, 49.5 mJ/m² at 49.0 g/dL, 50.0 mJ/m² at 49.5 g/dL, 50.5 mJ/m² at 50.0 g/dL, 51.0 mJ/m² at 50.5 g/dL, 51.5 mJ/m² at 51.0 g/dL, 52.0 mJ/m² at 51.5 g/dL, 52.5 mJ/m² at 52.0 g/dL, 53.0 mJ/m² at 52.5 g/dL, 53.5 mJ/m² at 53.0 g/dL, 54.0 mJ/m² at 53.5 g/dL, 54.5 mJ/m² at 54.0 g/dL, 55.0 mJ/m² at 54.5 g/dL, 55.5 mJ/m² at 55.0 g/dL, 56.0 mJ/m² at 55.5 g/dL, 56.5 mJ/m² at 56.0 g/dL, 57.0 mJ/m² at 56.5 g/dL, 57.5 mJ/m² at 57.0 g/dL, 58.0 mJ/m² at 57.5 g/dL, 58.5 mJ/m² at 58.0 g/dL, 59.0 mJ/m² at 58.5 g/dL, 59.5 mJ/m² at 59.0 g/dL, 60.0 mJ/m² at 59.5 g/dL, 60.5 mJ/m² at 60.0 g/dL, 61.0 mJ/m² at 60.5 g/dL, 61.5 mJ/m² at 61.0 g/dL, 62.0 mJ/m² at 61.5 g/dL, 62.5 mJ/m² at 62.0 g/dL, 63.0 mJ/m² at 62.5 g/dL, 63.5 mJ/m² at 63.0 g/dL, 64.0 mJ/m² at 63.5 g/dL, 64.5 mJ/m² at 64.0 g/dL, 65.0 mJ/m² at 64.5 g/dL, 65.5 mJ/m² at 65.0 g/dL, 66.0 mJ/m² at 65.5 g/dL, 66.5 mJ/m² at 66.0 g/dL, 67.0 mJ/m² at 66.5 g/dL, 67.5 mJ/m² at 67.0 g/dL, 68.0 mJ/m² at 67.5 g/dL, 68.5 mJ/m² at 68.0 g/dL, 69.0 mJ/m² at 68.5 g/dL, 69.5 mJ/m² at 69.0 g/dL, 70.0 mJ/m² at 69.5 g/dL, 70.5 mJ/m² at 70.0 g/dL, 71.0 mJ/m² at 70.5 g/dL, 71.5 mJ/m² at 71.0 g/dL, 72.0 mJ/m² at 71.5 g/dL, 72.5 mJ/m² at 72.0 g/dL, 73.0 mJ/m² at 72.5 g/dL, 73.5 mJ/m² at 73.0 g/dL, 74.0 mJ/m² at 73.5 g/dL, 74.5 mJ/m² at 74.0 g/dL, 75.0 mJ/m² at 74.5 g/dL, 75.5 mJ/m² at 75.0 g/dL, 76.0 mJ/m² at 75.5 g/dL, 76.5 mJ/m² at 76.0 g/dL, 77.0 mJ/m² at 76.5 g/dL, 77.5 mJ/m² at 77.0 g/dL, 78.0 mJ/m² at 77.5 g/dL, 78.5 mJ/m² at 78.0 g/dL, 79.0 mJ/m² at 78.5 g/dL, 79.5 mJ/m² at 79.0 g/dL, 80.0 mJ/m² at 79.5 g/dL, 80.5 mJ/m² at 80.0 g/dL, 81.0 mJ/m² at 80.5 g/dL, 81.5 mJ/m² at 81.0 g/dL, 82.0 mJ/m

La Forgia, Christian

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<div style="border-bottom: 1px solid black; height: 20px; width: 100px; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> <div>(Assistant Examiner)</div> <div>(Date)</div> </div>	 Christian LaForgia (Primary Examiner)	8/21/07 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 4
Total Claims Allowed: 11				